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LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS	23	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:44:01 ON 15 JUN 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:44:25 ON 15 JUN 2004
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4
DICTIONARY FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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Uploading c:\program files\stnexp\queries\106845735.2

L1 STRUCTURE UPLOADED

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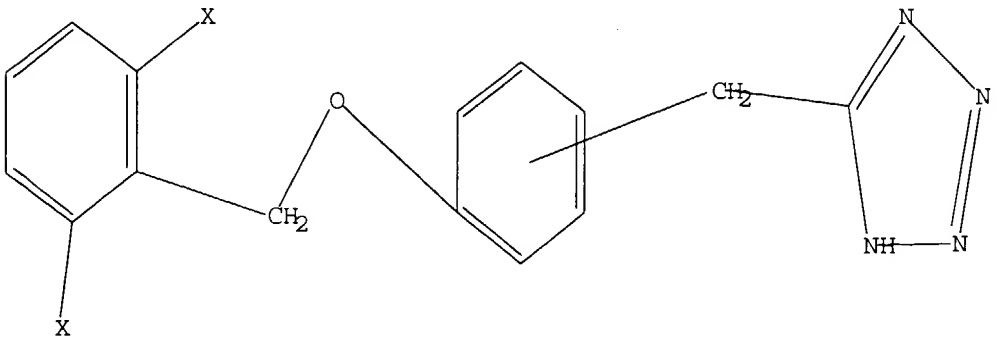
L1 STR



G1 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED -   2959 TO ITERATE

100.0% PROCESSED    2959 ITERATIONS                                  1 ANSWERS
SEARCH TIME: 00.00.01

L2            1 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   157.52     157.73

FILE 'CAPLUS' ENTERED AT 13:48:01 ON 15 JUN 2004
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COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 15 Jun 2004  VOL 140 ISS 25
FILE LAST UPDATED: 14 Jun 2004  (20040614/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


=> s l2
L3            1 L2

=> d l3 fbib hitstr abs total

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2002:964135  CAPLUS
DN   138:24543
TI   Preparation of benzyloxyphenyloxobutyrates and related compounds for the
     treatment of metabolic disorders
IN   Sharma, Shalini; Von Borstel, Reid W.; Hodge, Kirvin L.
PA   Wellstat Therapeutics Corporation, USA
SO   PCT Int. Appl., 242 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
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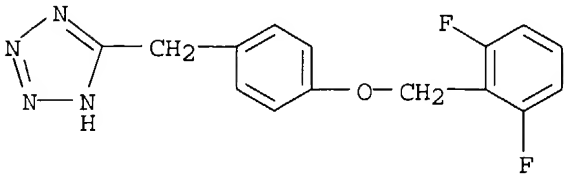
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100341	A2	20021219	WO 2002-US18388	20020612
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2001-297282PP	20010612
	US 2003149107	A1	20030807	US 2002-167839	20020612
				US 2001-297282PP	20010612
	US 2004077896	A1	20040422	US 2003-684644	20031014
				US 2001-297282PP	20010612
				US 2002-167839 A3	20020612
	US 2004092518	A1	20040513	US 2003-684735	20031014
				US 2001-297282PP	20010612
				US 2002-167839 A3	20020612
	US 2004092516	A1	20040513	US 2003-685183	20031014
				US 2002-167839 A3	20020612
	US 2004097585	A1	20040520	US 2003-684730	20031014
				US 2001-297282PP	20010612
				US 2002-167839 A3	20020612

OS MARPAT 138:24543

IT **478162-73-1P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzyloxyphenyloxobutyrates and related compds. for treatment of metabolic disorders)

RN 478162-73-1 CAPLUS

CN 1H-Tetrazole, 5-[[4-[(2,6-difluorophenyl)methoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



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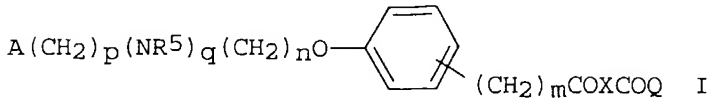

AB Biol. active title compds. [I; n = 1, 2; m, q, p = 0, 1; R5 = alkyl; R9 =

H, halo, alkoxy; A = (halo-, alkyl-, perfluoromethyl-, alkoxy-, perfluoromethoxy-substituted) Ph, (Me-, Et-substituted) cycloalkyl, 5-6 membered heteroarom. ring having 1-2 N, S, O atoms; X = CH2, Q = OR1, R1 = Et; or X = CH2CR12R13, CH2CH(NHAc), Q = OR1, R1 = H, alkyl; or X = CH2CH2, Q = NR10R11; R12, R13 = H, Me; 1 of R10, R11 = H, alkyl, OH, the other = H, alkyl], were prepared Thus, 4-(2-fluorobenzyloxy)acetophenone (preparation given) in THF and DMPU was treated with a solution of Li bis(trimethylsilyl)amide at -60°; after 10 min, tert-Bu bromoacetate was added followed by stirring for an addnl. 10 min and warming to room temperature for 4 h to give tert-Bu 4-[4-(2-fluorobenzyloxy)phenyl]-4-oxobutyrate. The latter was stirred with CF3CO2H in CH2Cl2 to give 4-[4-(2-fluorobenzyloxy)phenyl]-4-oxobutyric acid. Tested I showed antidiabetic activity in a variety of tests. I are useful in treatment of various metabolic disorders such as insulin resistance syndrome, diabetes, hyperlipidemia, fatty liver disease, cachexia, obesity, atherosclerosis and arteriosclerosis.

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.19	162.92

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

STN INTERNATIONAL LOGOFF AT 13:48:37 ON 15 JUN 2004

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 9	MAR 29	Pharmaceutical Substances (PS) now available on STN
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NEWS 11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12	APR 26	PROMT: New display field available
NEWS 13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14	APR 26	LITALERT now available on STN
NEWS 15	APR 27	NLDB: New search and display fields available
NEWS 16	May 10	PROUSDDR now available on STN
NEWS 17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
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NEWS 23	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 24	May 27	Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:38:29 ON 15 JUN 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:38:47 ON 15 JUN 2004
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STRUCTURE FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4
DICTIONARY FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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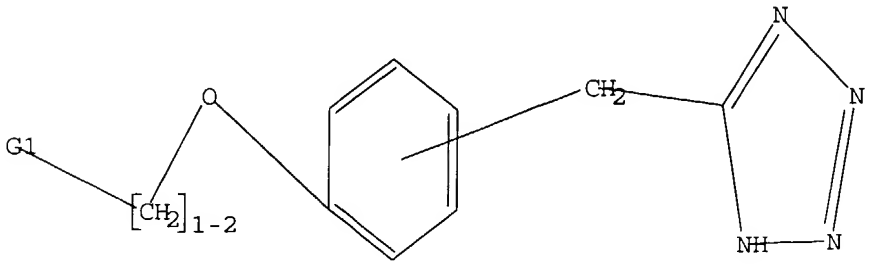
Uploading c:\program files\stnexp\queries\10684735.1

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

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=> s l1 sss full
FULL SEARCH INITIATED 13:39:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  20012 TO ITERATE

100.0% PROCESSED   20012 ITERATIONS                          32 ANSWERS
SEARCH TIME: 00.00.01

L2            32 SEA SSS FUL L1

=> f ile caplus
L3             0 ILE CAPLUS

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               164.28     164.49

FILE 'CAPLUS' ENTERED AT 13:39:29 ON 15 JUN 2004
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 15 Jun 2004  VOL 140 ISS 25
FILE LAST UPDATED: 14 Jun 2004  (20040614/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> s l2
L4            43 L2

=> d l4 fbib hitstr abs total

L4   ANSWER 1 OF 43  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2004:41315  CAPLUS
DN   140:105289
TI   Cysteinyl leukotriene receptor antagonists for the treatment of
     respiratory diseases
IN   Fujita, Manabu
PA   Ono Pharmaceutical Co., Ltd., Japan
SO   PCT Int. Appl., 33 pp.
     CODEN: PIXXD2
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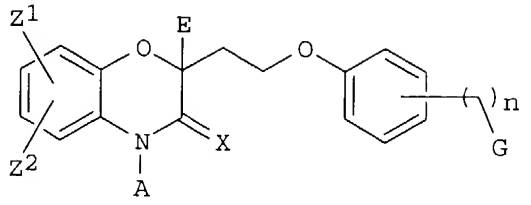

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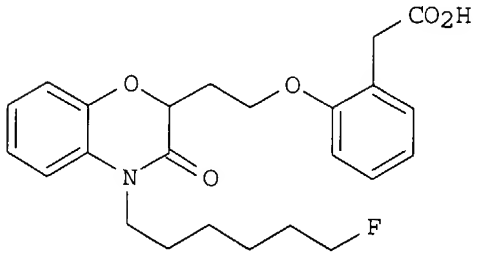


II

AB The invention is directed to 4H-benzo[1,4]oxazin-3-ones I and their stereoisomers, esters, salts, and prodrugs, useful as peroxisome proliferator activated receptor gamma (PPARγ) agonists or antagonists [wherein: A = (un)substituted aryl, heterocyclyl, or alkyl; Z1 = H, alkyl, aryl, heterocyclyl, OH or derivs., CO2H or derivs., NH2 or derivs., halo, etc.; Z2 = H, halo, alkyl; or Z1Z2 = atoms to form fused aromatic ring; n = 0-3; G = CO2R1, COCO2R1, CONR1R2, CF3, P(O)(OR1)(OR2), SH, tetrazolyl, certain heterocycles, etc.; E = H, alkyl, -CH2CH2OC6H4(CH2)nG; X = H2, O; R1, R2 = H, alkyl, aryl, heterocyclyl, aralkyl; or R1R2 = atoms to form 5- to 10-membered ring; with addnl. provisos]. Pharmaceutical compns. comprising the compds. and methods of treating conditions such as NIDDM and obesity are also disclosed. Over 130 specific compds. are listed, and 5 of the preferred compds. are claimed. For instance, the silyl-protected intermediate 2-[2-[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-2H-1,4-benzoxazin-3(4H)-one (preparation given) underwent a sequence of N-alkylation with Br(CH2)6F, desilylation, Mitsunobu reaction with Me (2-hydroxyphenyl)acetate, and alkaline saponification, to give the preferred compound II. In an agonist intrinsic activity assay for induction of aP2 mRNA production, II gave a 64.9-fold increase over control.

L4 ANSWER 5 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:964135 CAPLUS
DN 138:24543
TI Preparation of benzyloxyphenyloxobutyrates and related compounds for the treatment of metabolic disorders
IN Sharma, Shalini; Von Borstel, Reid W.; Hodge, Kirvin L.
PA Wellstat Therapeutics Corporation, USA
SO PCT Int. Appl., 242 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002100341	A2	20021219	WO 2002-US18388	20020612

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

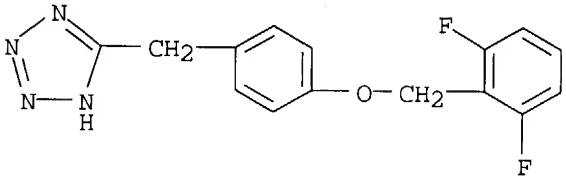
US 2003149107	A1	20030807	US 2001-297282PP 20010612 US 2002-167839 20020612 US 2001-297282PP 20010612
US 2004077896	A1	20040422	US 2003-684644 20031014 US 2001-297282PP 20010612 US 2002-167839 A320020612
US 2004092518	A1	20040513	US 2003-684735 20031014 US 2001-297282PP 20010612 US 2002-167839 A320020612
US 2004092516	A1	20040513	US 2003-685183 20031014 US 2002-167839 A320020612
US 2004097585	A1	20040520	US 2003-684730 20031014 US 2001-297282PP 20010612 US 2002-167839 A320020612

OS MARPAT 138:24543

IT **478162-73-1P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzyloxyphenyloxobutyrates and related compds. for treatment of metabolic disorders)

RN 478162-73-1 CAPLUS

CN 1H-Tetrazole, 5-[[4-[(2,6-difluorophenyl)methoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



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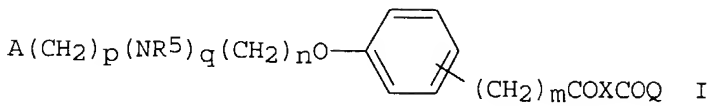
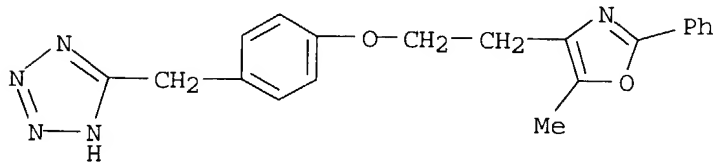


AB Biol. active title compds. [I; n = 1, 2; m, q, p = 0, 1; R5 = alkyl; R9 = H, halo, alkoxy; A = (halo-, alkyl-, perfluoromethyl-, alkoxy-, perfluoromethoxy-substituted) Ph, (Me-, Et-substituted) cycloalkyl, 5-6 membered heteroarom. ring having 1-2 N, S, O atoms; X = CH2, Q = OR1, R1 = Et; or X = CH2CR12R13, CH2CH(NHAc), Q = OR1, R1 = H, alkyl; or X = CH2CH2, Q = NR10R11; R12, R13 = H, Me; 1 of R10, R11 = H, alkyl, OH, the other = H, alkyl], were prepared Thus, 4-(2-fluorobenzyloxy)acetophenone (preparation

given) in THF and DMPU was treated with a solution of Li bis(trimethylsilyl)amide at -60°; after 10 min, tert-Bu bromoacetate was added followed by stirring for an addnl. 10 min and warming to room temperature for 4 h to give tert-Bu 4-[4-(2-fluorobenzyloxy)phenyl]-4-oxobutyrate. The latter was stirred with CF3CO2H in CH2Cl2 to give 4-[4-(2-fluorobenzyloxy)phenyl]-4-oxobutyric acid. Tested I showed antidiabetic activity in a variety of tests. I are useful in treatment of various metabolic disorders such as insulin resistance syndrome, diabetes, hyperlipidemia, fatty liver disease, cachexia, obesity, atherosclerosis and arteriosclerosis.

L4 ANSWER 6 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:19837 CAPLUS
DN 136:350405
TI Novel 5-substituted-1H-tetrazole derivatives as potent glucose and lipid lowering agents
AU Momose, Yu.; Maekawa, Tsuyoshi; Odaka, Hiroyuki; Ikeda, Hitoshi; Sohda, Takashi
CS Medicinal Chemistry Research Laboratories II, Takeda Chemical Industries, Ltd., Chuo-ku. Osaka, 540-8645, Japan
SO Chemical & Pharmaceutical Bulletin (2002), 50(1), 100-111
CODEN: CPBTAL; ISSN: 0009-2363
PB Pharmaceutical Society of Japan
DT Journal
LA English
IT **166253-98-1P 421558-54-5P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of oxazolylalkoxyphenylalkyltetrazoles as antihyperglycemic and antihyperlipidemic agents)
RN 166253-98-1 CAPLUS
CN 1H-Tetrazole, 5-[[4-[2-(5-methyl-2-phenyl-4-oxazolyl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)



RN 421558-54-5 CAPLUS
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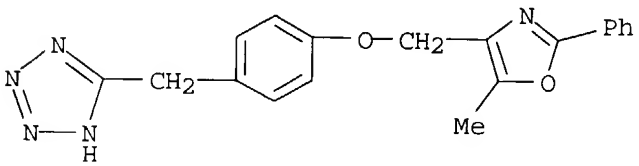
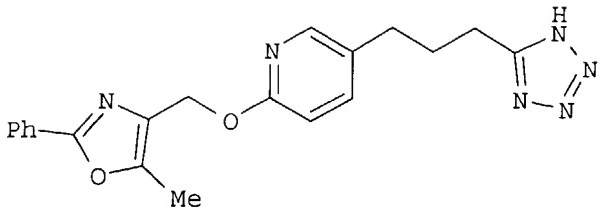


GI



I

AB A series of 5-(4-alkoxyphenylalkyl)-1H-tetrazole derivs. containing an oxazole-based group at the alkoxy moiety was prepared; the antidiabetic and antihyperlipidemic effects of members of the series were evaluated in two genetically obese and diabetic animal models. The tetrazole compds. were prepared using the cycloaddns. of azides with the corresponding nitriles. Many of the 5-(4-alkoxyphenylalkyl)-1H-tetrazoles showed potent glucose and lipid lowering activities in KKAy mice. Methylphenyloxazolylmethoxypy ridylpropyltetrazole I had potent glucose lowering activity (ED25 = 0.0839 mg·kg-1·d-1), being 72 times more active than pioglitazone hydrochloride (ED25 = 6.0 mg·kg·d-1); in addition, I also exhibited strong antihyperlipidemic activity (ED25 = 0.0277 mg·kg-1·d-1) in Wistar fatty rats. The antidiabetic activity of I is likely related to its potent agonistic activity for peroxisome proliferator-activated receptor γ (PPARγ) (EC50 = 6.75 nM).

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:2786 CAPLUS
DN 136:37609
TI Tetrazole derivatives as hypoglycemic and hypolipidemic agents
IN Soda, Takasi; Ikeda, Hitosi; Momose, Yu
PA Takeda Chemical Industries, Ltd., Japan
SO Russ., No pp. given
CODEN: RUXXE7
DT Patent
LA Russian
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	RU 2144533	C1	20000120	RU 1994-43788	19941209
				RU 1994-43788	19941209

OS MARPAT 136:37609
IT **166253-98-1P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(tetrazole derivs. as hypoglycemic and hypolipidemic agents)
RN 166253-98-1 CAPLUS
CN 1H-Tetrazole, 5-[[4-[2-(5-methyl-2-phenyl-4-oxazolyl)ethoxy]phenyl]methyl]- (9CI) (CA INDEX NAME)